

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Currently amended) An organic electroluminescence element material comprising a platinum complex having a platinum ion and a ligand comprising an aryl group of which free rotation is blocked or an aromatic heterocycle group of which free rotation is blocked, wherein the platinum complex is an ortho-metallated complex,

wherein the ortho-metallated complex is selected from the group consisting of:

a platinum complex represented by Formula (3) or a tautomer of a compound represented by Formula (3);

a platinum complex represented by Formula (4) or a tautomer of a compound represented by Formula (4);

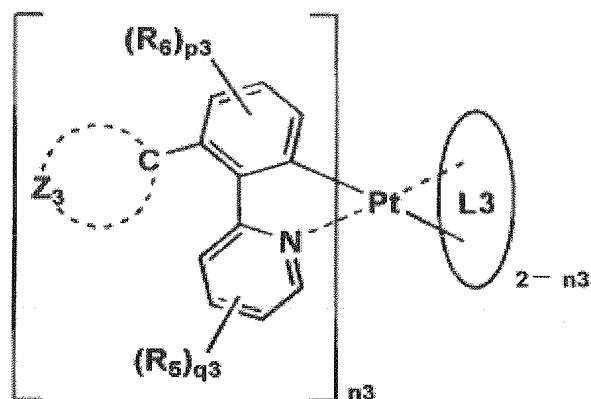
~~a platinum complex represented by Formula (5) or a tautomer of a compound represented by Formula (5);~~

a platinum complex represented by Formula (6) or a tautomer of a compound represented by Formula (6);

a platinum complex represented by Formula (7) or a tautomer of a compound represented by Formula (7); and

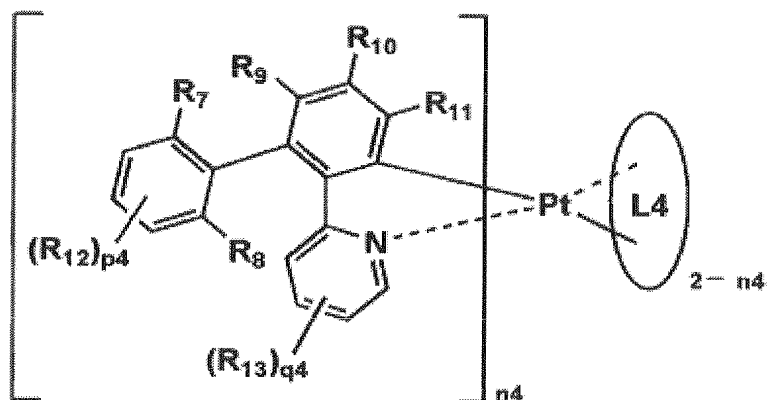
a platinum complex represented by Formula (8) or a tautomer of a compound represented by Formula (8):

Formula (3)



wherein R_5 and R_6 each represent a hydrogen atom or a substituent selected from following Group A; Z_3 represents a group of atoms necessary to form an aromatic hydrocarbon ring or an aromatic heterocycle; n_3 represents an integer of 1 or 2, provided that, when n_3 is 1, L3 represents a bidentate ligand; p_3 represents an integer of 0 - 3; and q_3 represents an integer of 0 - 4,

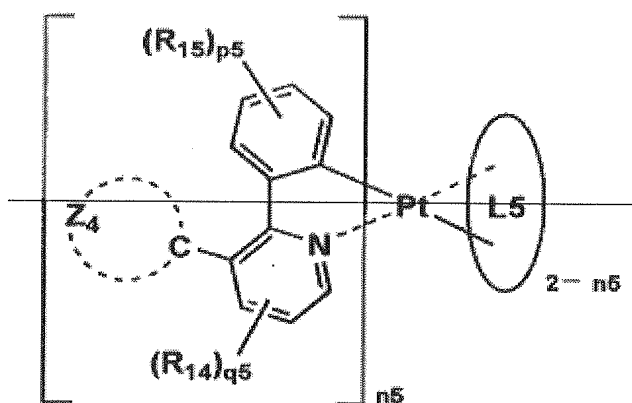
Formula (4)



wherein R_7 and R_8 each represent a hydrogen atom or a substituent selected from following Group A, provided that at least one of R_7

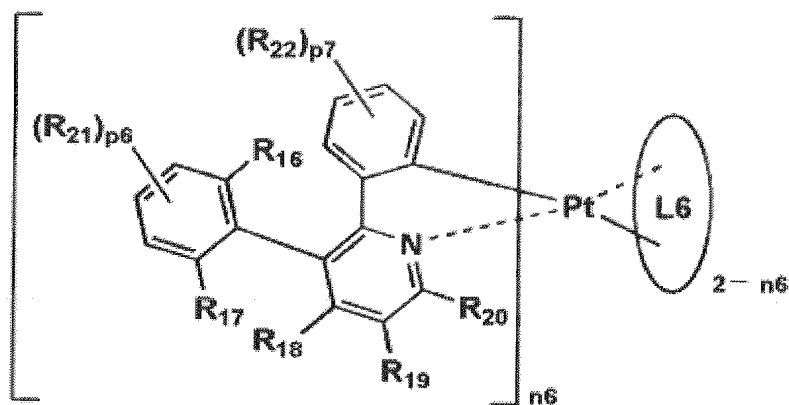
and R_8 is a substituent selected from following Group A; $R_9 - R_{13}$ each represent a hydrogen atom or a substituent selected from following Group A; n_4 represents an integer of 1 or 2, provided that, when n_4 is 1, L_4 represents a bidentate ligand; p_4 represents an integer of 0 - 3; and q_4 represents an integer of 0 - 4,

Formula (5)



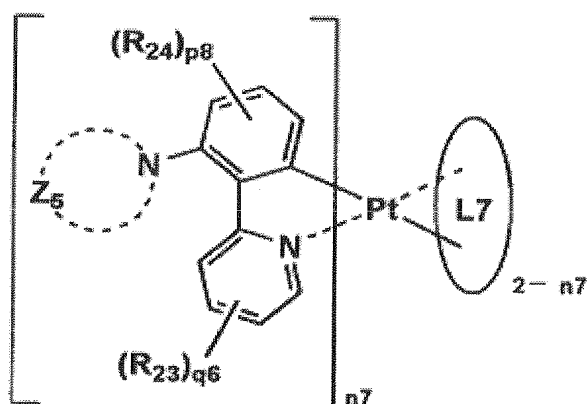
wherein R_{14} and R_{15} each represent a hydrogen atom or a substituent selected from following Group A; Z_4 represents a group of atoms necessary to form an aromatic hydrocarbon ring or an aromatic heterocycle; n_5 represents an integer of 1 or 2, provided that, when n_5 is 1, L_5 represents a bidentate ligand; p_5 represents an integer of 0 - 4; and q_5 represents an integer of 0 - 3,

Formula (6)



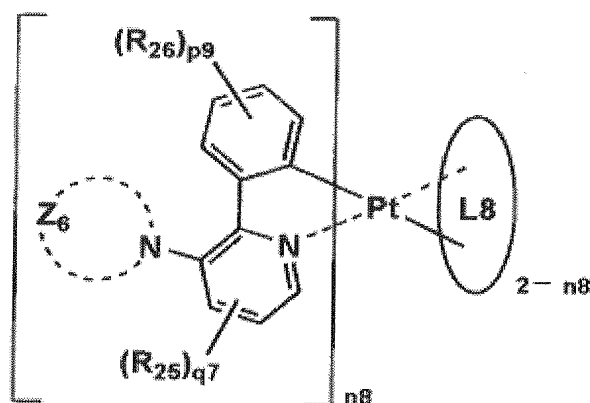
wherein R_{16} and R_{17} each represent a hydrogen atom or a substituent selected from following Group A, provided that at least one of R_{16} and R_{17} is a substituent selected from following Group A; $R_{18} - R_{22}$ each represent a hydrogen atom or a substituent selected from following Group A; $n6$ represents an integer of 1 or 2, provided that, when $n6$ is 1, L6 represents a bidentate ligand; $p6$ represents an integer of 0 - 3; and $p7$ represents an integer of 0 - 4,

Formula (7)



wherein R_{23} and R_{24} each represent a hydrogen atom or a substituent selected from following Group A; Z_5 represents a group of atoms necessary to form an aromatic heterocycle containing a nitrogen atom; n_7 represents an integer of 1 or 2, provided that, when n_7 is 1, L_7 represents a bidentate ligand; p_8 represents an integer of 0 - 3; and q_6 represents an integer of 0 - 4, and

Formula (8)



wherein R_{25} and R_{26} each represent a hydrogen atom or a substituent selected from following Group A; Z_6 represents a group of atoms necessary to form an aromatic heterocycle containing a nitrogen atom; n_8 represents an integer of 1 or 2, provided that, when n_8 is 1, L_8 represents a bidentate ligand; p_9 represents an integer of 0 - 3; and q_7 represents an integer of 0 - 4,

Group A:

an alkyl group, ~~a hydroxyethyl group, a methoxymethyl group,~~ a trifluoromethyl group, ~~a cycloalkyl group, an aralkyl group,~~ an aryl group[[,]] and an aromatic heterocycle group,~~an~~

~~alkoxyl group, an aryloxy group, a cyano group, a hydroxyl group, an alkenyl group, a styryl group and a halogen atom, wherein these groups may further be substituted.~~

Claims 2-11. (Canceled).

Claim 12. (Previously presented)..The organic electroluminescence element material of claim 1, wherein the aryl group of which free rotation is blocked is an aryl group having an electron donating substituent.

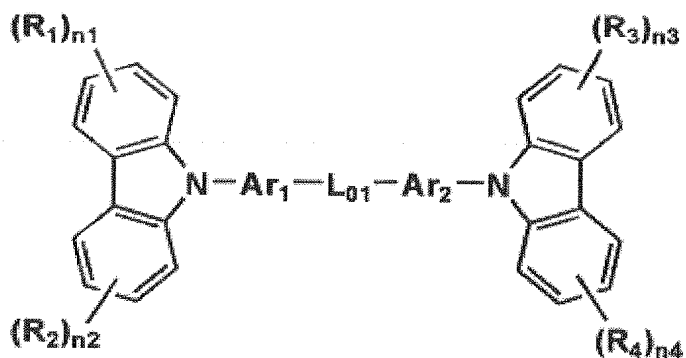
Claim 13. (Previously presented) The organic electroluminescence element material of claim 1, wherein the aromatic heterocycle of which free rotation is blocked is an aromatic heterocycle having an electron donating substituent.

Claim 14. (Original) An organic electroluminescence element comprising the organic electroluminescence element material of claim 1.

Claim 15. (Original) An organic electroluminescence element comprising a emission layer as a constituting layer, wherein the emission layer comprises the organic electroluminescence element material of claim 1.

Claim 16. (Original) The organic electroluminescence element of claim 15, wherein the emission layer comprises a compound represented by Formula (10):

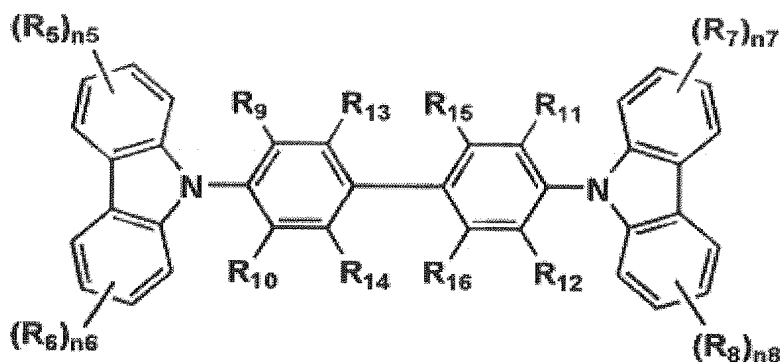
Formula (10)



wherein R_1 , R_2 , R_3 and R_4 each represent a hydrogen atom or a substituent; $n1$, $n2$, $n3$, and $n4$ each represent an integer of 0 - 4; and Ar_1 and Ar_2 each represent an arylene group or a divalent aromatic heterocycle group; and L_{01} represents a divalent linking group.

Claim 17. (Previously presented) The organic electroluminescence element of claim 15, wherein the emission layer comprises a compound represented by Formula (11):

Formula (11)



wherein R₅ - R₁₆ each represent a hydrogen atom or a substituent, provided that one of R₁₃ - R₁₆ represents a substituent; and n₅ - n₈ each represent an integer of 0 - 4.

Claim 18. (Previously presented) The organic electroluminescence element of claim 15, wherein the emission layer comprises a carboline or a carboline of which one of carbon atoms of a hydrocarbon ring constituting a carboline ring of the carboline is replaced with a nitrogen atom.

Claim 19. (Previously presented) The organic electroluminescence element of claim 15 further comprising a hole blocking layer as a constituting layer, wherein the hole blocking layer comprises a carboline or a carboline of which one of carbon atoms of a hydrocarbon ring constituting a carboline ring of the carboline is replaced with a nitrogen atom.

Claim 20. (Original) The organic electroluminescence element of claim 15 further comprising a hole blocking layer as a constituting layer, wherein the hole blocking layer comprises a boron derivative.

Claim 21. (Previously presented) The organic electroluminescence element comprising an emission layer and a hole blocking layer as constituting layers,
wherein
the emission layer and the hole blocking layer each comprise the organic electroluminescence element material of claim 1; and the hole blocking layer further comprises a carboline or a carboline of which one of carbon atoms of a hydrocarbon ring constituting a carboline ring of the carboline is replaced with a nitrogen atom.

Claim 22. (Original) The organic electroluminescence element comprising an emission layer and a hole blocking layer as constituting layers,
wherein
the emission layer and the hole blocking layer each comprise the organic electroluminescence element material of claim 1; and the hole blocking layer further comprises a boron derivative.

Claim 23. (Previously presented) A display device comprising the organic electroluminescence element of claim 1.

Claim 24. (Previously presented) An illumination device comprising the organic electroluminescence element of claim 1.

Claim 25. (Previously presented) The organic electroluminescence element material of claim 1, wherein the ortho-metallated complex is a platinum complex represented by Formula (3) or a tautomer of a compound represented by Formula (3).

Claim 26. (Previously presented) The organic electroluminescence element material of claim 1, wherein the ortho-metallated complex is a platinum complex represented by Formula (4) or a tautomer of a compound represented by Formula (4).

Claim 27. (Cancelled).

Claim 28. (Previously presented) The organic electroluminescence element material of claim 1, wherein the ortho-metallated complex is a platinum complex represented by Formula (6) or a tautomer of a compound represented by Formula (6).

Claim 29. (Previously presented) The organic electroluminescence element material of claim 1, wherein the ortho-metallated complex is a platinum complex represented by Formula (7) or a tautomer of a compound represented by Formula (7).

Claim 30. (Previously presented) The organic electroluminescence element material of claim 1, wherein the ortho-metallated complex is a platinum complex represented by Formula (8) or a tautomer of a compound represented by Formula (8).